

FIGURE 1

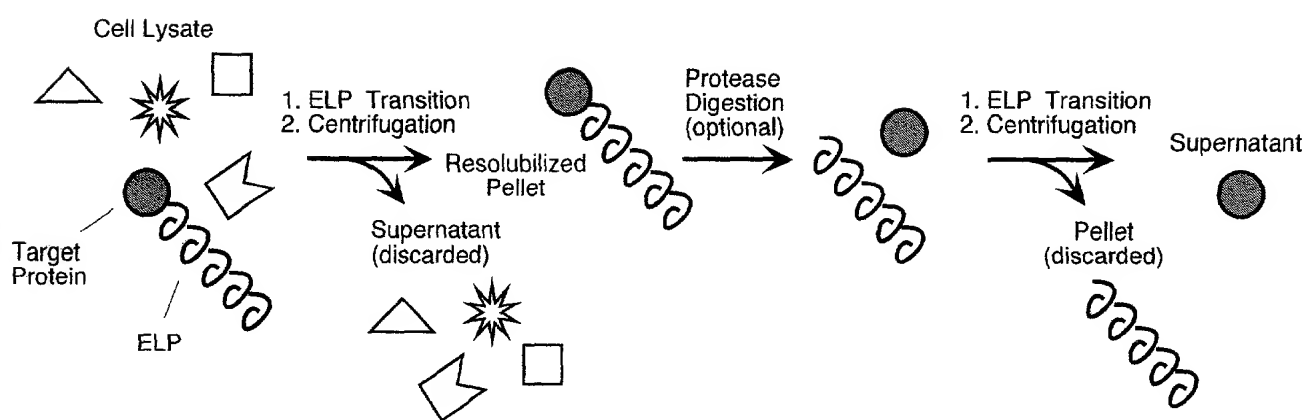


FIGURE 2

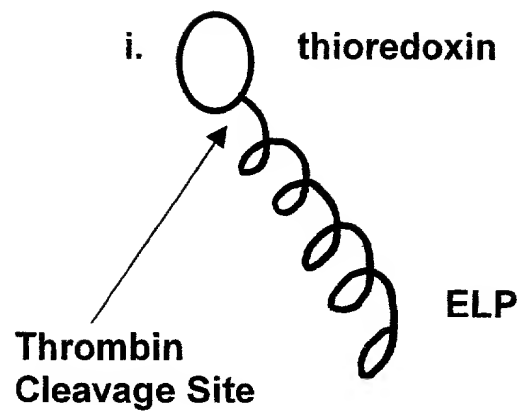


FIGURE 3

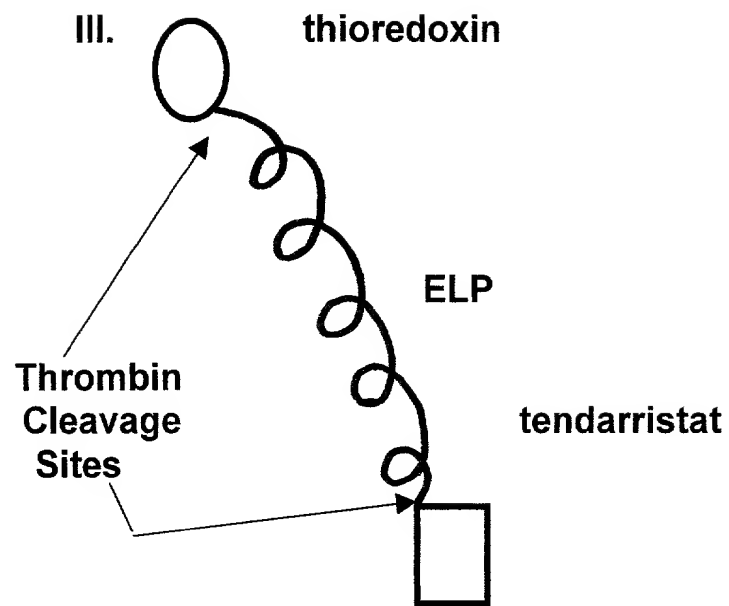


FIGURE 4

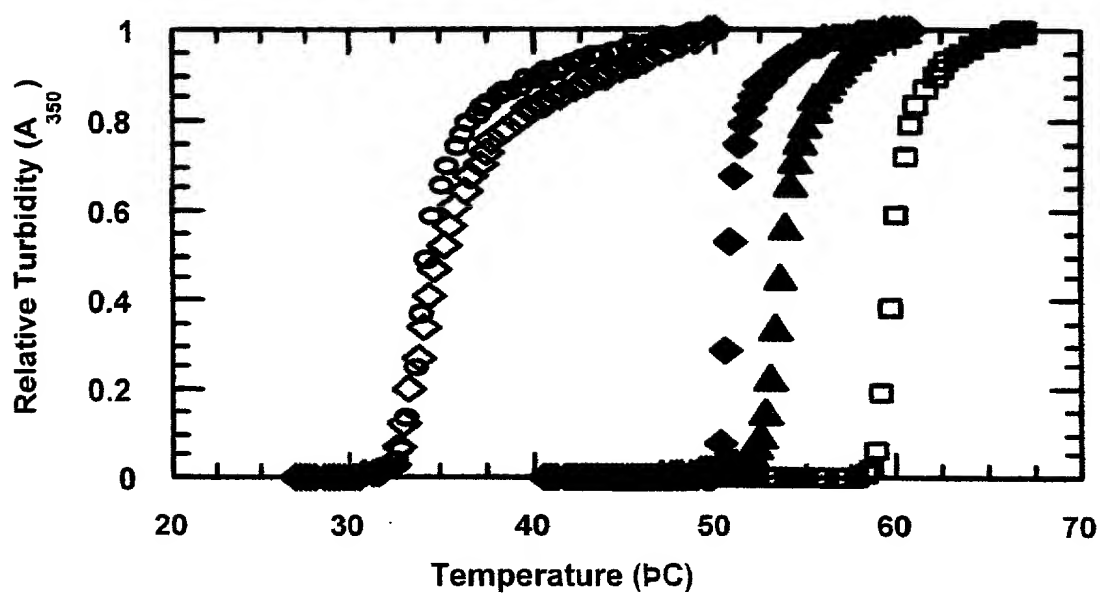


FIGURE 5

Y = M0 + M1*x + ... M8*x ⁸ + M9*x ⁹	
M0	116.21
M1	-1.7499
M2	0.010349
R	0.99793

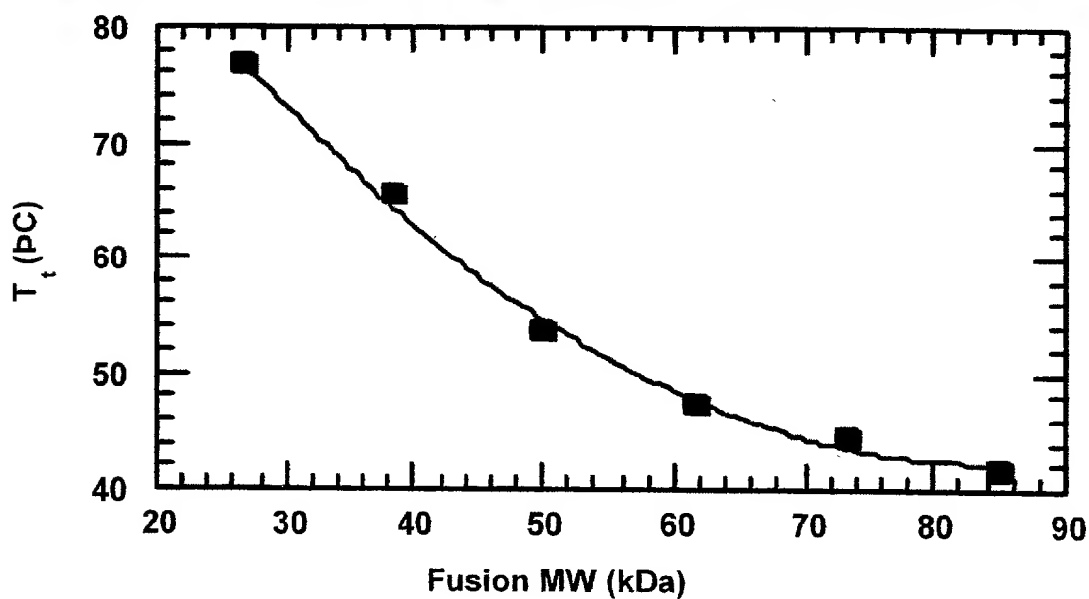


FIGURE 6

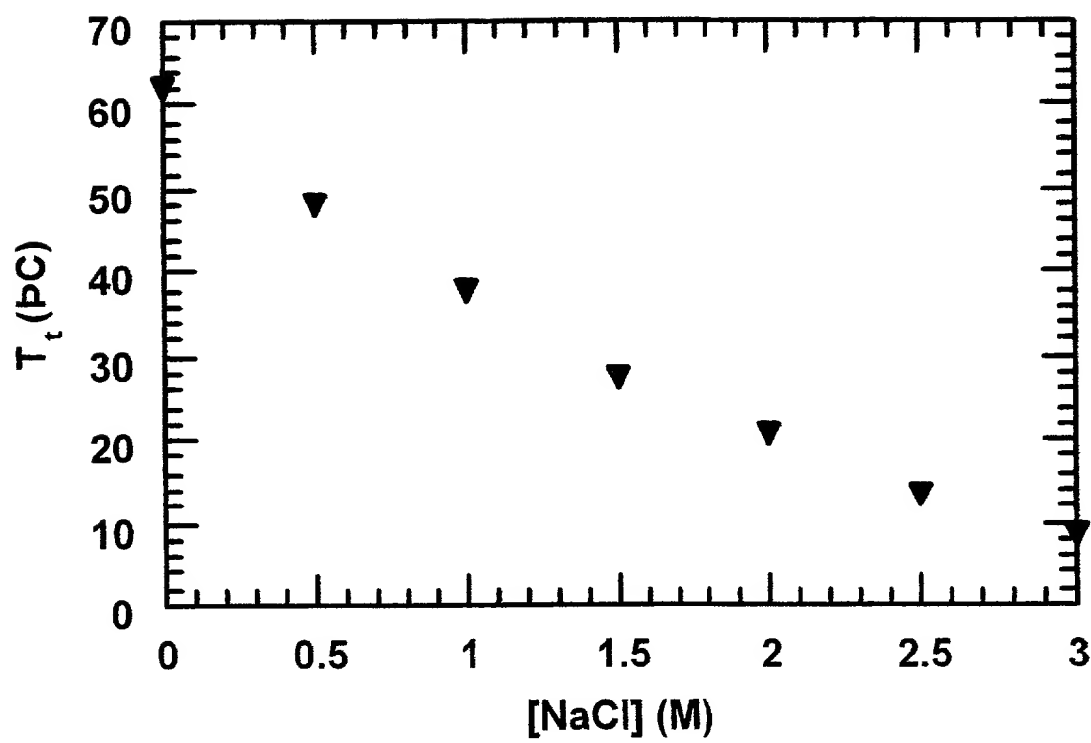


FIGURE 7

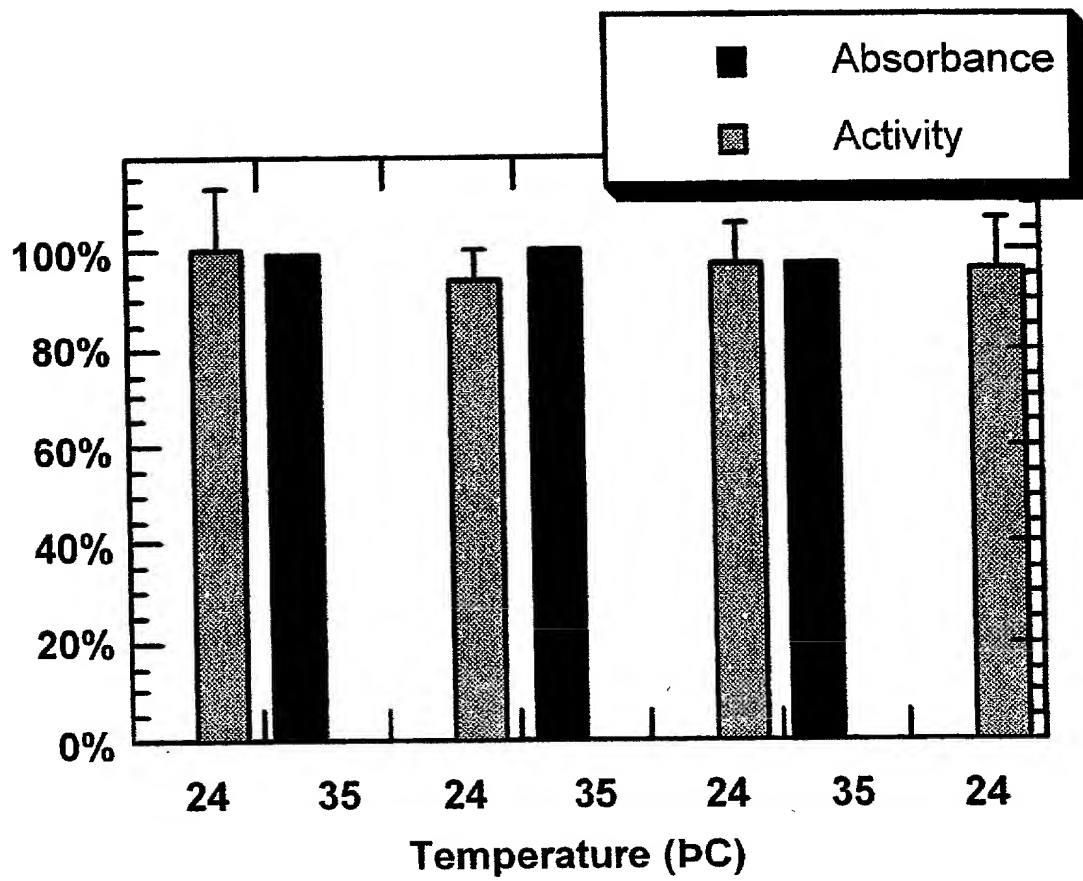


FIGURE 8

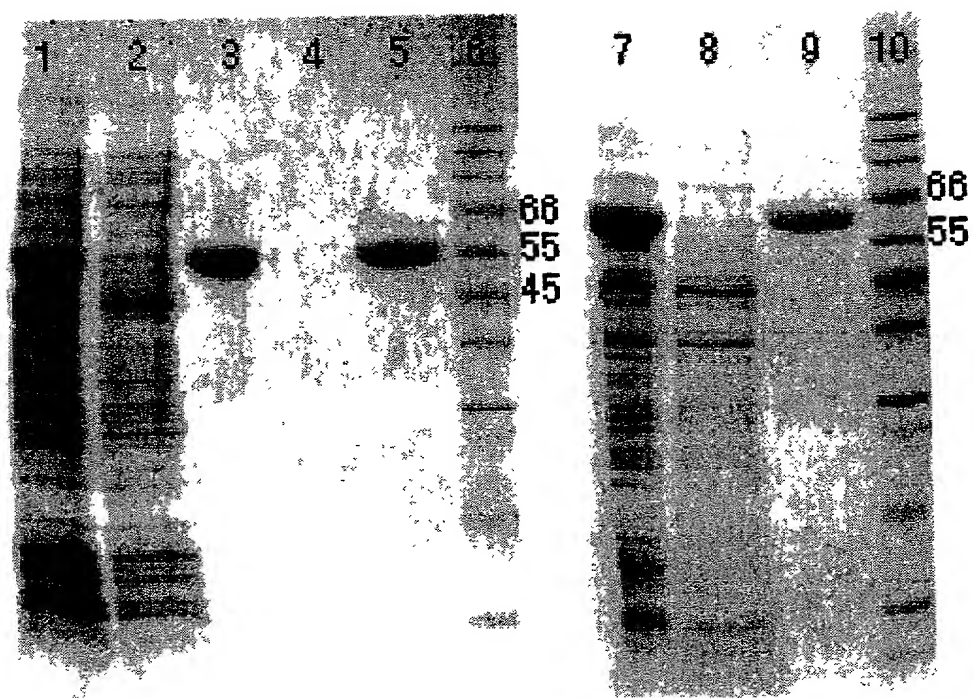


FIGURE 9

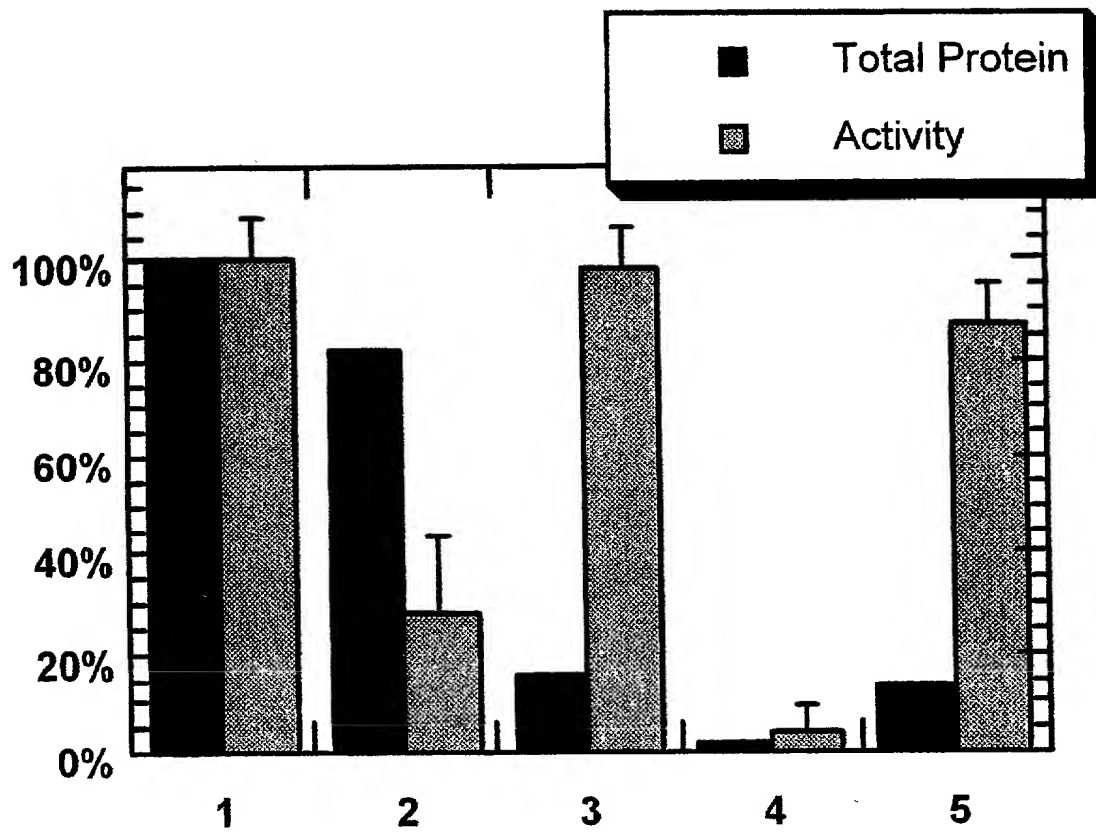


FIGURE 10

ELP gene (10-mer base sequence)

EcoR I										Pst I										Bgl I										Hind III											
A	ATT	CAT	ATG	GGC	CAC	GGC	GTT	GTG	GGT	CCG	GGC	GTG	GGT	GTT	CCG	GGT	GGC	GGT	GTG	CCG	GGC	GCA	GGT	GTT	V	G	V	P	G	V	G	V	G	G	G	V	P	G	A	G	V
CCT	GGT	GTA	GGT	GTG	CCG	GGT	GTT	GGT	GTG	CCG	GGT	GTG	GGT	GTA	CCA	GGT	GGC	GGT	GGT	CCG	GGT	GCA	GGC	P	G	V	G	V	G	V	G	V	P	G	G	V	P	G	A	G	
GTT	CCG	GGT	GGC	GGT	GTG	CCG	GGC	GGG	CTG	AAA	TGA	TA	V	P	G	G	V	P	G																						

[illegible]

Thioredoxin-In-ELP fusion

|Msc I
- C CAT ATG CAC CAT CAT CAT CAT CAT CAT TCT GGT GTG CCA CGC GGT TCT GGT AAA

thioredoxin gene

GGG CCG GGC TGG CCG TGA TAA C

|Sfi I |Ava I

G P G W P ter ter

L V L S S S S S S R P

thrombin cleavage site

FIGURE 12

Thioredoxin-ELP-tendamistat fusion

- i. thioredoxin gene - ^{|Msc I} T CTG GTG CCA CGC GGT TCT GGG CCA GGC GGG CCA TC - ^{|Nco I} tendamistat gene
L V P R | G S G P G G P S
thrombin cleavage site
- ii. thioredoxin gene - ^{|Msc I} G CCA GGC GGG CCA TCT TCT GGT CTG GTG CCA CGC GGT TCT TC - ^{|Nco I} tendamistat gene
P G G P S S G L V P R | G S S
thrombin cleavage site

FIGURE 13

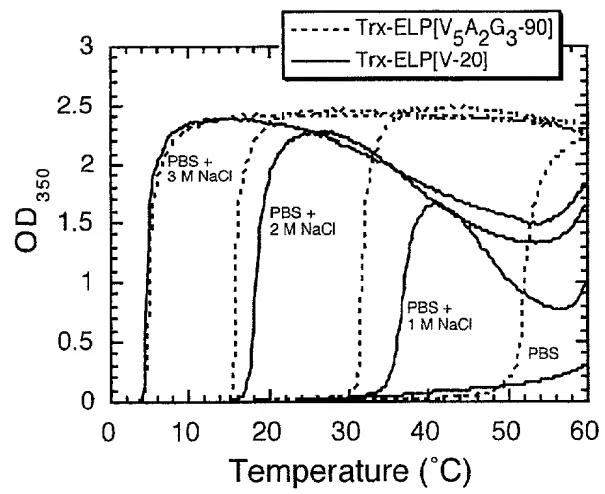


FIGURE 14

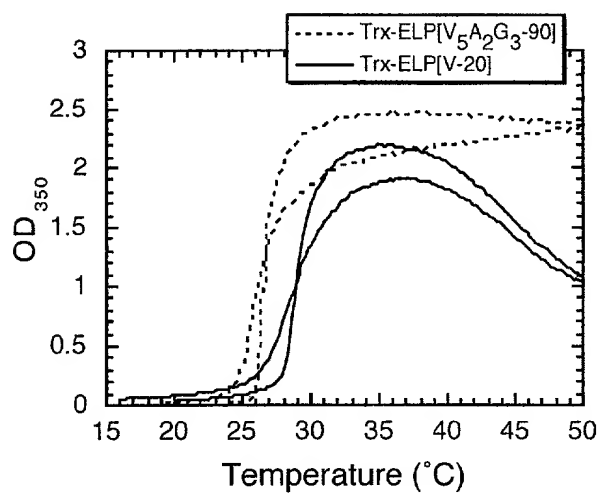


FIGURE 15

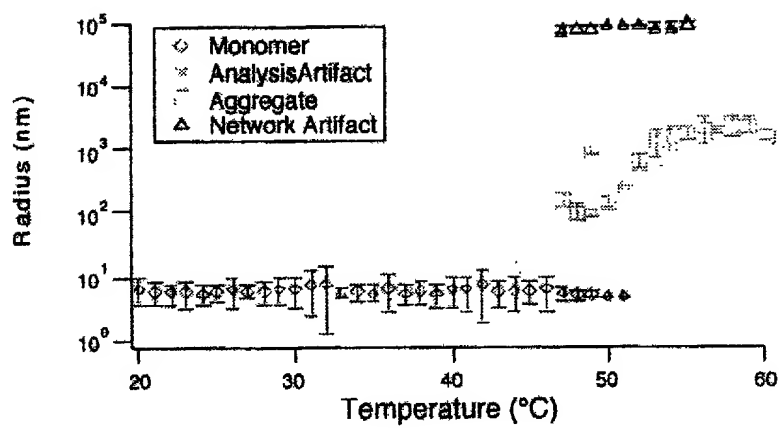


FIGURE 16

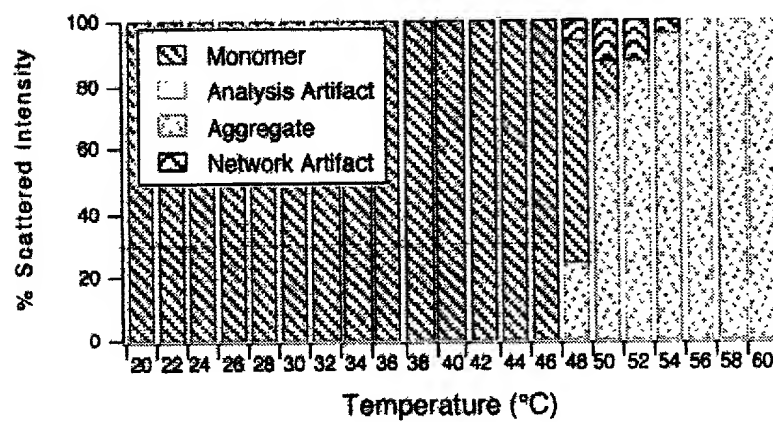


FIGURE 17

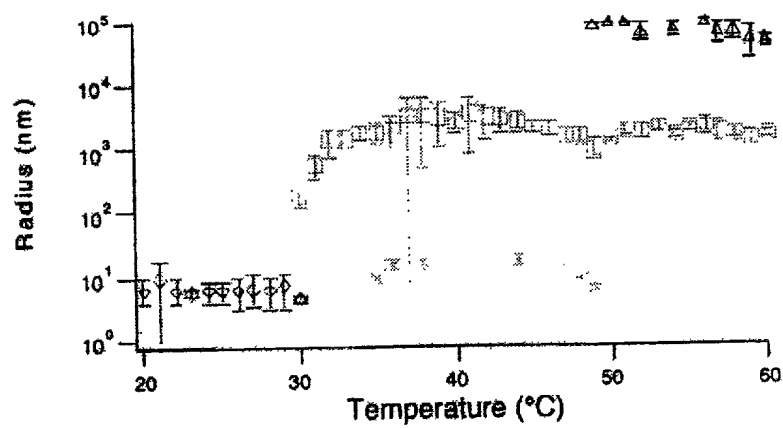


FIGURE 18

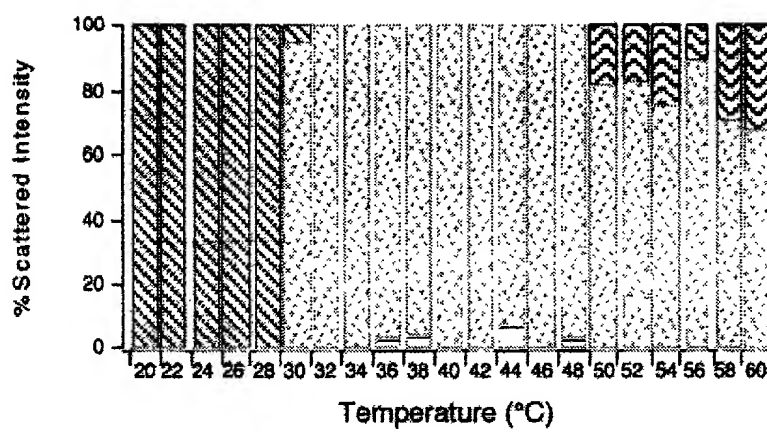
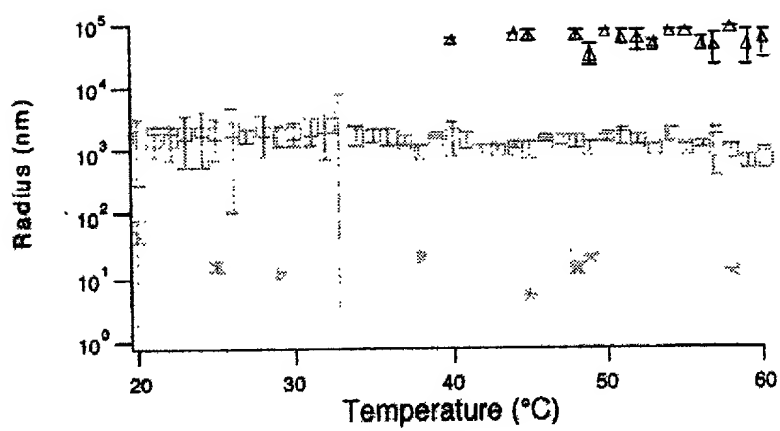


FIGURE 19



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FIGURE 20

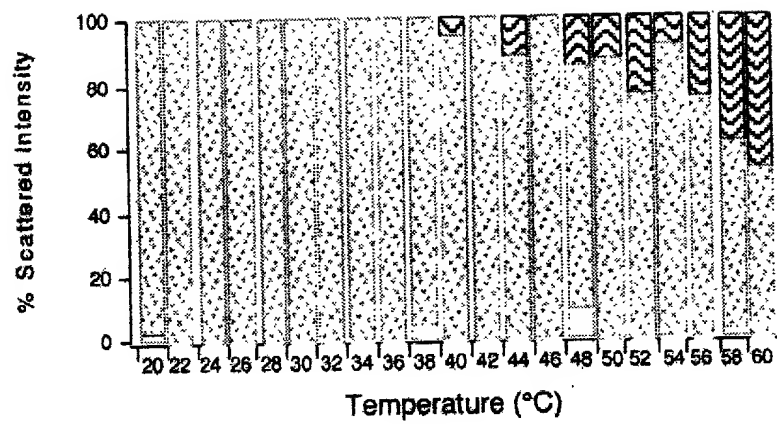


FIGURE 21

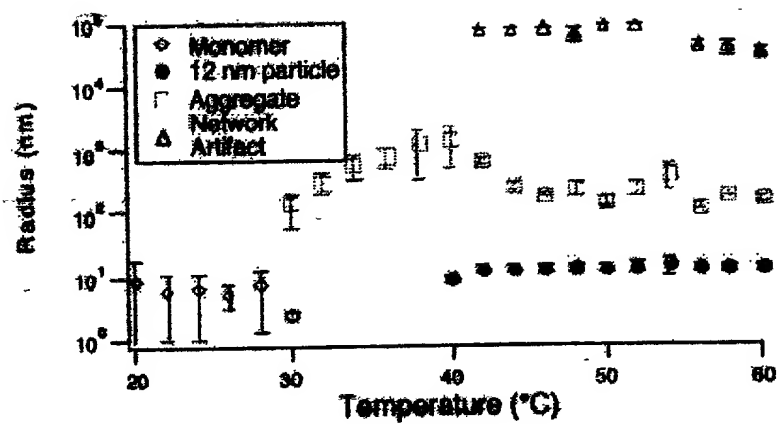


FIGURE 22

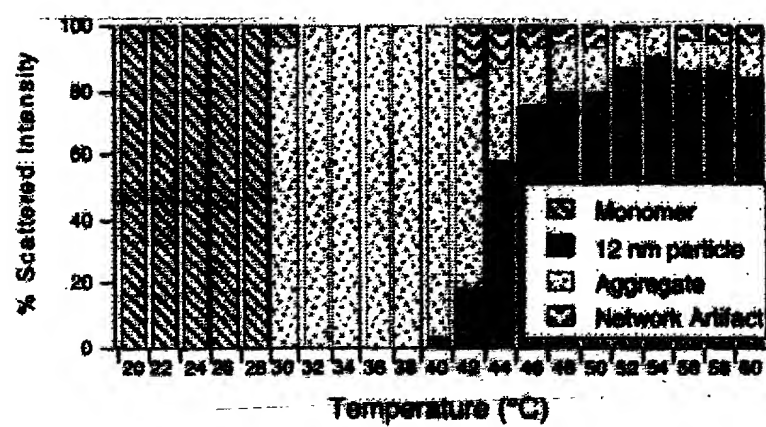


FIGURE 23

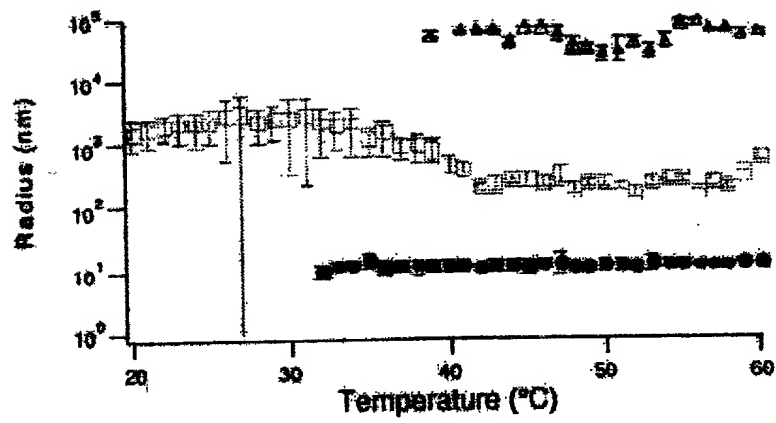


FIGURE 24

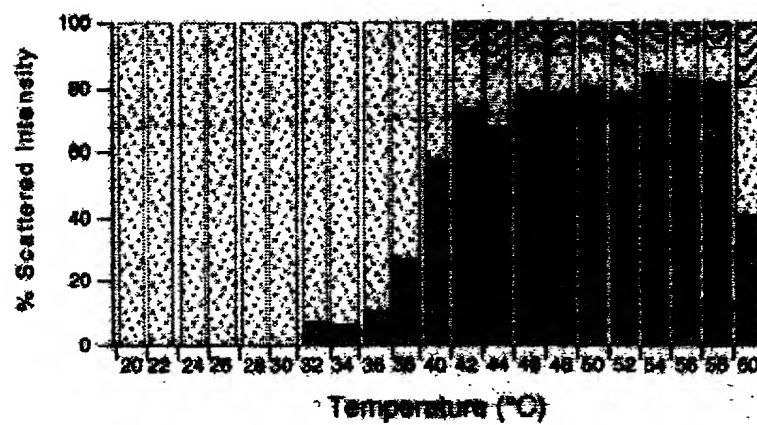


FIGURE 25

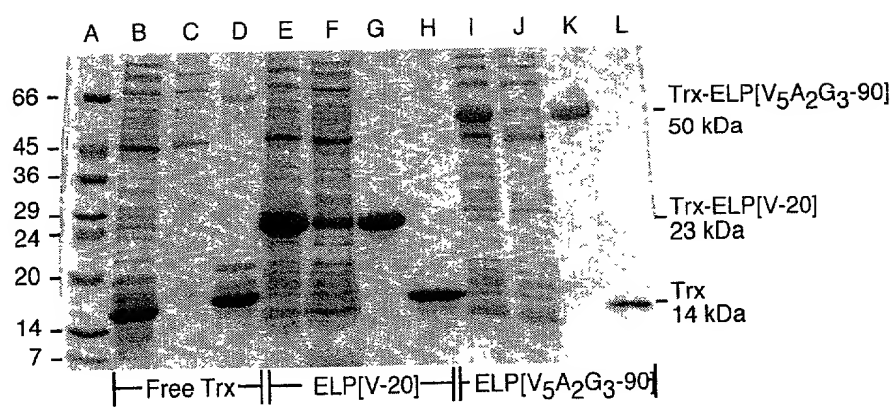


FIGURE 26

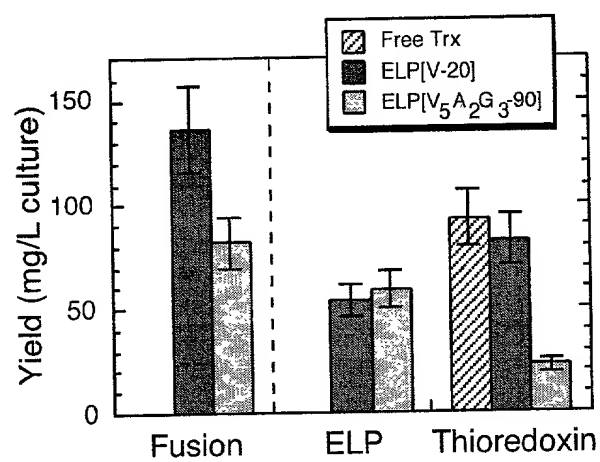


FIGURE 27

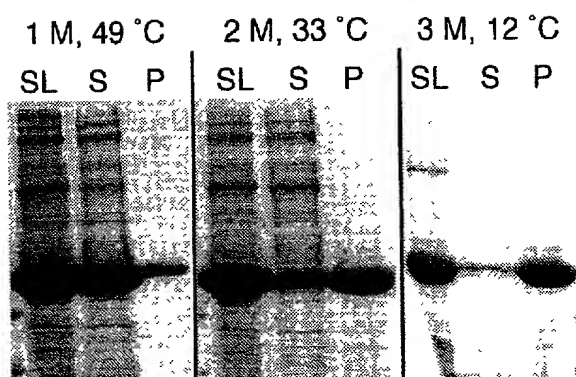


FIGURE 28

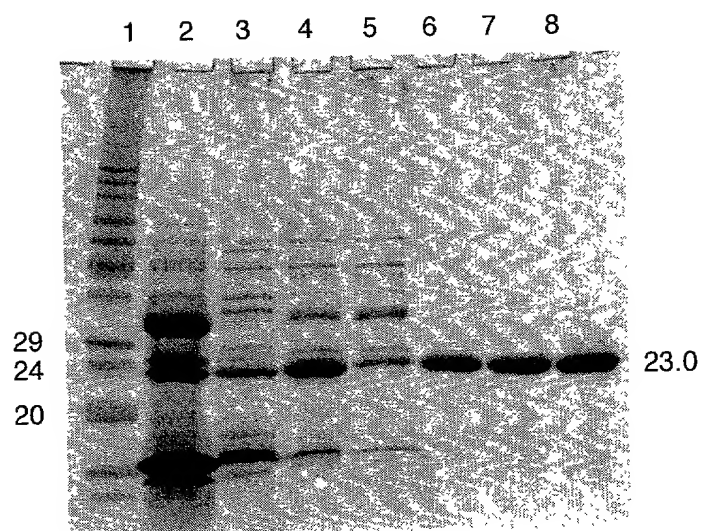


FIGURE 29

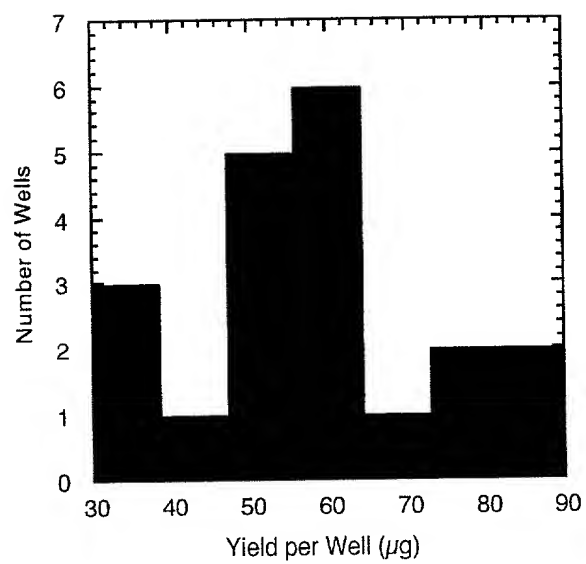


FIGURE 30

